The Journal of Emergency Medicine

CONTENTS, AUTHOR, AND KEYWORD INDEX

VOLUME 2, 1984/85

VOL.
2
984/85

PERGAMON PRESS New York • Oxford • Toronto • Paris • Frankfurt • Sydney

The Journal of Emergency Medicine

☐ **EDITOR-IN-CHIEF** Peter Rosen, MD, *Denver General Hospital, Denver, CO*

☐ **ASSOCIATE EDITOR** Richard Levy, MD, *Univ. of Cincinnati Medical Center, Cincinnati, OH*

☐ SECTION EDITORS

Original Contributions
John A. Marx, MD
Denver, CO

Clinical Communications/Pediatrics
Roger Barkin, MD
Denver, CO

Clinical Communications/Adult
Michael Tomlanovich, MD
Detroit, MI

Selected Topics:

Toxicology
Kenneth Kulig, MD
Denver, CO

Prehospital Care
Peter T. Pons, MD
Denver, CO

EKG Commentary
Ron Walls, MD
Washington, DC

Obstetrics and Gynecology
Gail V. Anderson, Jr, MD
Atlanta, GA

Selected Topics:

Radiology
Jack Keene, MD
Chicago, IL

Controversies in Trauma Management
Robert C. Jorden, MD
Jackson, MS

Computers in the Emergency Department
Stephen V. Cantrill, MD
Denver, CO

Techniques and Procedures
George Sternbach, MD
Stanford, CA

Emergency Medicine in Review
Ann Harwood, MD
Jacksonville, FL

Emergency Case Records
Stephen V. Cantrill, MD
Denver, CO

Medical Classics
George Sternbach, MD
Stanford, CA

Emergency Forum
G. Richard Braen
Newton Lower Falls, MA

Administration of Emergency Medicine
Ellen Taliaferro, MD
Bakersfield, CA

Ethics
Jacek Franaszek, MD
Providence, RI

Emergency Medicine and the Law
Maurice O'Connor, MD
Denver, CO

New Technologies
Alexander Trott, MD
Cincinnati, OH

Book Reviews
Edward J. Otten, MD
Cincinnati, OH

Abstracts
Lynnette Doan, MD
Chicago, IL

Special Consultant
Ernest E. Moore, MD
Denver, CO

☐ EDITORIAL BOARD

Tim Allen, MD
Quebec, Canada
Paul S. Auerbach, MD
San Francisco, CA
Frank Baker, MD
Chicago, IL
Howard Bessen, MD
Torrance, CA
Barry E. Brenner, MD, PhD
Los Angeles, CA
Joseph Clinton, MD
Minneapolis, MN
Mary Ann Cooper, MD
Louisville, KY
Robert Dailey, MD
Oakland, CA
Daniel Danzl, MD
Louisville, KY
Jan deBoer, MD, PhD
Warnsveld, The Netherlands
Peter Doris, MD
Chicago Heights, IL
Richard F. Edlich, MD, PhD
Charlottesville, VA
David Englander, MD
Riverside, CA
Peter Fass, MD
Valhalla, NY
Richard Feldman, MD
Chicago, IL
John Gallagher, MD
Bronx, NY
Gerald S. Gordon, MD
Denver, CO
Roman Goy, MD
Baltimore, MD
Jerris Hedges, MD
Cincinnati, OH
Kenneth Iserson, MD
Tucson, AZ
Lenworth M. Jacobs, MD
Hartford, CT
Gene Kallsen, MD
Fresno, CA
Martin S. Kohn, MD
Lorain, OH
Robert Margulies, MD
Beaufort, SC
Vincent Markovchick, MD
Denver, CO
James Matthews, MD
Chicago, IL
Doug Mayeda, MD
Colorado Springs, CO
John McCabe, MD
Dayton, OH
Kendall McNabney, MD
Kansas City, MO
John A. Mitchell, MD
St. Thomas, VI
John Moorhead, MD
Portland, OR
Jack Peacock, MD
El Paso, TX
Bruce M.T. Rowat, MD
Toronto, Ontario, Canada
Ernie Ruiz, MD
Minneapolis, MN
Arthur Sanders, MD
Tucson, AZ
Daniel T. Schelble, MD, FACEP
Akron, OH
John Schriver, MD
Portland, OR
Jeffrey Schwartz, MD, Capt, MC
Fort Hood, TX
Maj. Robert D. Slay, MD
San Antonio, TX
T.D. Sosnowski, MD
Edmonton, Alberta, Canada
David Wagner, MD
Philadelphia, PA
Gerry Whelan, MD
Los Angeles, CA
Daniel D. Whitcraft, III, MD
Long Beach, CA
Albert Yee, MD
Milwaukee, WI

VO
2
1984

Editorial Office: Peter Rosen, MD, Editor-in-Chief: *The Journal of Emergency Medicine,* Denver General Hospital, 777 Bannock Street, Denver, CO 80204-4507, USA.

Publishing, Subscription, and Advertising Offices: Pergamon Press, Inc., Fairview Park, Elmsford, NY 10523, USA; or Pergamon Press, Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Published Bimonthly. Subscription Rates: Annual institutional rate (Vol 3): US $95.00; Two-year rate (Vols 3 & 4): US $180.50; Professional Rate (Vol 3): US $35.00; Student/Resident/Intern Rate: US $25.00. Back issue and microform subscription information available upon request. All prices include surface postage and insurance.

Document Delivery: A single copy of any article printed or referenced in this journal may be obtained from our Associate Company, Information on Demand, Inc. The cost is $14.00 in the USA or $16.00 elsewhere for up to 20 pages ($0.25 per additional page). Payment may be made to IOD by check or credit card (Amex, Visa, MasterCard, Diners Club), or you may establish an account. Contact: IOD, P.O. Box 9550, Berkeley, CA 94709, USA. Telephone: (415) 644-4500 or toll-free (800) 227-0750. Telex: 6501347171.

Copyright © 1985 Pergamon Press Ltd. Printed in the USA.

Copyright Notice: It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher, of and when the article is accepted for publication. The copyright covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform, or any other reproductions of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, mechanical, photocopying, recording, or otherwise, without permission in writing from the copyright holder. "Emergency Medicine" has been registered as a trademark by another party and is used by agreement with such other party, the details of which are available by writing to Pergamon Press, Inc., Fairview Park, Elmsford, NY 10523.

Photocopying information for users in the U.S.A.: The Item-Fee Code for this publication indicates that authorization to photocopy items for internal or personal use is granted by the copyright holder for libraries or other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service provided the stated fee for copying beyond that permitted by Section 107 or 108 of the United States Copyright Law is paid. The appropriate remittance of $3.00 per copy is paid directly to the Copyright Clearance Center Inc., 21 Congress Street, Salem, MA 01970. The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works, or for resale. Specific written permission must be obtained from the publisher for such copying. In case of doubt please contact your nearest Pergamon office.

The Item-Fee Code for this publication is: 0736-4679/85 $3.00 + .00

The Journal of Emergency Medicine, Vol. 2, pp. 475–489, 1985 Printed in the USA • Copyright © 1985 Pergamon Press Ltd

Volume 2 Index

Contents
Volume 2, 1984/85

Volume 2, Number 1 1984

CONTENTS

Original Contribution

James V. Winkler, Peter Rosen, Edward J. Alfry 1 Prehospital Use of the Glasgow Coma Scale in Severe Head Injury

Clinical Communications

Steven H. Abman, Leland L. Fan, Ernest K. Cotton 7 Emergency Treatment of Foreign-Body Obstruction of the Upper Airway in Children

Robert J. Willis, Thomas W. Rowland 13 The Early Management of Acute Epiglottitis: A Survey of Current Practice

James A. Narrod, Ernest E. Moore 17 Initial Management of Penetrating Neck Wounds—A Selective Approach

Selected Topics: Toxicology

Theodore E. Harrison 23 Ergotaminism After A Single Dose of Ergotamine Tartrate

Editorials

Peter Rosen 27 Random Feedings

Peter Rosen 29 Night Shift and the Emergency Physician

Jacek Franaszek 31 Comments on "The Functions of the Hospital Emergency Department: A Study of Patient Demand"

Education

George L. Sternbach, Robert T. Kiskaddon, Michael Fossel, Michael Eliastam 33 The Retention of Cardiopulmonary Resuscitation Skills

(*Continued on next page*)

VOL. 2 984/85

(*Continued from previous page*)

Administration of Emergency Medicine

Carin M. Olson 37 Shift Work

Emergency Medicine Abroad

Tsuguharu Ishida, Muneo Ohta, Kikushi Katsurada, Tsuyoshi Sugimoto 45 The Emergency Medical System in Japan

Michael Calnan 57 The Functions of the Hospital Emergency Department: A Study of Patient Demand

65 **Abstracts**

Book Reviews

J. Stephen Huff 73 *Neurological Emergencies,* edited by Michael P. Earnest

Edward J. Otten 74 *The Society of Critical Care Medicine Textbook of Critical Care*, edited by W. C. Shoemaker, W. L. Thompson, and P. R. Holbrook

Volume 2, Number 2 1984

CONTENTS

Original Contributions

John F. Tucker, Daniel F. Danzl, Edward Teague, Juan Trujillo, Jeffery Bisker 79 Infusion of Intravenous Fluids Distal to Pneumatic Antishock Trousers

Jerris R. Hedges, John J. Kaib, Joseph C. Armao 85 Detection of Ectopic Pregnancy in an Outpatient Population: The Role of the Beta-HCG Level

Clinical Communications

John R. Britton 95 Resuscitation of the Newborn Infant

(*Continued on next page*)

(*Continued from previous page*)

Eric Barach **Gerard Martin** **Michael Tomlanovich** **Richard Nowak** **Raymond Littleton**	101	Blunt Pelvic Trauma with Urethral Injury in the Female: A Case Report and Review of the Literature
		Selected Topics: Toxicology
Michael Fossel **Peter Rosen**	107	Naloxone Treatment for Codeine-Induced Gastrointestinal Symptoms
		Selected Topics: Emergency Medicine Abroad
Paul E. Slater **Avi-Yacar Ellencweig** **Orit Bar-Tur** **Michal Ben-Tuvia** **Talya Ginat**	111	Patterns of Emergency Department Use During the Israel Doctors' Strike
		Emergency Medicine in Review
Donna Seger	117	Acquired Immune Deficiency Syndrome
Oscar E. Araujo **Franklin P. Flowers**	129	Stevens-Johnson Syndrome
		Education
Charles Aprahamian **K. Tom Nelson** **Bruce M. Thompson** **Mark A. Malangoni** **Thomas C. Schneider**	137	The Relationship of the Level of Training and Area of Medical Specialization with Registrant Performance in an Advanced Trauma Life-Support Course
		Book Reviews
Edward J. Otten	141	*Office Electrocardiography*, by Edward K. Chung
Edward J. Otten	141	*Medical Ethics*, by Natalie Abrams and Michael B. Buckner
	143	**Abstracts**
	151	**Calendar of Events**

VOL.
2
84/85

Volume 2, Number 3 1985

CONTENTS

Original Contribution

Joseph E. Clinton, Paul M. Zoll, Ross Zoll, Ernest Ruiz 155 Emergency Noninvasive External Cardiac Pacing

Clinical Communications

Roger M. Barkin 163 Acute Otitis Media: A Common Presentation in the Emergency Department

Bradley P. Vargo 169 Transient Atrial Fibrillation in a Patient with Acute Ureterolithiasis

Selected Topics: Toxicology

Suman Wason 175 The Emergency Management of Caustic Ingestions

Selected Topics: Prehospital Care

Tsuguharu Ishida, Muneo Ohta, Tsuyoshi Sugimoto 183 The Breakdown of an Emergency System Following a Gas Explosion in Osaka and the Subsequent Resolution of Problems

Selected Topics: EKG Commentary

Ron M. Walls 191 Left Bundle Branch Block

Selected Topics: Disaster Management

Jan de Boer, W. van der Slikke 195 An Alarm Procedure

Techniques and Procedures

George Sternbach 199 Lumbar Puncture

Emergency Medicine in Review

Marc E. Kobernick, Steven Seifert, Arthur B. Sanders 205 Emergency Department Management of the Sexual Assault Victim

(Continued on next page)

VO
2
1984

(*Continued from previous page*)

Emergency Forum

G. Richard Braen, Lydia Baltarowich, Mary Ann Cooper, John Ruthman, Peter Rosen 215 1983 Society of Teachers of Emergency Medicine Debate

Editorial

Peter Rosen, Peter T. Pons, Norman M. Dinerman 221 Disaster Management and the Emergency Physician

223 **Letters to the Editor**

225 **Abstracts**

Book Review

J. Stephen Huff 233 *Neurologic Emergencies in Infancy and Childhood*, edited by J. M. Pellock and E. C. Myer

237 **Calendar of Events**

VOL. 2 984/85

Volume 2, Number 4 1985

CONTENTS

Original Contribution

William H. Blahd, Jr, Kenneth V. Iserson, John C. Bjelland 243 Efficacy of the Posttraumatic Cross Table Lateral View of the Cervical Spine

Clinical Communications

Ray Mayron, Ernest Ruiz, Steven T. Mestitz, William R. Omlie 251 Tissue-Fat Pulmonary Embolism Occurring in a Patient with a Severe Pelvic Fracture

David Kaplan 257 Spine Problems in Emergency Department Patients: Does Every Patient Need an X-Ray?

William A. Jacobs 265 Case Report: Acute Thrombotic Thrombocytopenic Purpura and Cholecystitis

(*Continued on next page*)

(*Continued from previous page*)

Selected Topics: Toxicology

Elizabeth J. Mueller
Donna L. Seger 271 Metal Fume Fever—A Review

Selected Topics: EKG Commentary

William H. Campbell 275 Left Anterior Fascicular Block

Selected Topics: Disaster Management

Ralph Leonard 279 Mass Evacuation in Disasters

Techniques and Procedures

Vincent J. Markovchick
Ernest E. Moore
John Moore
Peter Rosen 287 Local Wound Exploration of Anterior Abdominal Stab Wounds

Emergency Case Records

Stephen Cantrill 293 Evaluation and Treatment of a Gunshot Wound to the Face and Neck

Emergency Forum

Cloyd B. Gattrell 301 The Prehospital Airway

Editorials

Peter Rosen 303 Unnecessary (?) X-Ray Studies

Peter Rosen 305 The Field Airway Controversy

George Sternbach 307 Evaluation of Penetrating Abdominal Injury

309 **Abstracts**

Book Reviews

Edward J. Otten 317 *Handbook of Poisoning, 11th Edition*, by Robert H. Driesbach

J. Stephen Huff 318 *Emergencies in Medicine*, edited by Alistair D. Beattie and John T. Ireland; *Medical Emergencies: Diagnostic and Management Procedures from Boston City Hospital, 2nd Edition*, edited by Alan S. Cohen, John R. Combs, and Howard K. Koh

321 **Calendar of Events**

VO
2
1984

Volume 2, Number 5 1985

CONTENTS

Original Contributions

Lily Conrad, Vincent Markovchick, James Mitchiner, Stephen V. Cantrill 325 The Role of an Emergency Department Observation Unit in the Management of Trauma Patients

Michael R. Williams, Ernest L. Dunn 335 Percutaneous Central Venous Catheters – A Continuum of Use

Clinical Communications

David B. Bettis, Stewart B. Ater 341 Febrile Seizures: Emergency Department Diagnosis and Treatment

Attilio V. Granata, Jack F. Halickman, Jonathan Borak 349 Utility of Military Anti-Shock Trousers (MAST) in Anaphylactic Shock – A Case Report

Selected Topics: Toxicology

David G. Spoerke, Barry H. Rumack 353 Blue-Green Algae Poisoning

Selected Topics: EKG Commentary

William H. Campbell 357 Left Posterior Fascicular Block

Selected Topics: Obstetrics and Gynecology

Grant Innes, Peter Rosen 361 An Unusual Case of Abdominal Pain and Shock in Pregnancy: Case Report and Review of the Literature

Techniques and Procedures

Robert H. Dailey 367 Femoral Vein Cannulation: A Review

Robert H. Dailey 373 "Code Red" Protocol for Resuscitation of the Exsanguinated Patient

Emergency Medicine in Review

A. Adam Cwinn, Stephen Cantrill 379 Lightning Injuries

(*Continued on next page*)

VOL.
2
984/85

(*Continued from previous page*)

389 **Abstracts**

Book Review

Philip Oblinger 397 *Emergent Care of the Burn Victim*, by I. Feller, C. A. Jones, and K. Richards

399 **Calendar of Events**

Volume 2, Number 6 1985

CONTENTS

Clinical Communications

Jack Newman 403 "Nursemaid's Elbow" in Infants Six Months and Under

Daniel Savitt
Phillip Oblinger
Richard C. Levy 405 Bilateral Pneumothorax in an Intravenous Drug Abuser

Mel D. Robinson
Vincent Markovchick 409 Traumatic Tension Pneumopericardium: A Case Report and Literature Review

Selected Topics: Toxicology

Brent T. Burton
Murray Rice
Les E. Schmertzler 415 Atrioventricular Block Following Overdose of Decongestant Cold Medication

Selected Topics: Prehospital Care

Peter T. Pons
Norman Dinerman
Peter Rosen
Kate Dernocoeur
Kent Coxon
Robert Marlin 421 The Field Instructor Program: Quality Control of Prehospital Care, The First Step

Selected Topics: EKG Commentary

Thomas Drake 429 Emergency Evaluation of the EKG Right Bundle Branch Block

Techniques and Procedures

Robert E. O'Connor
Jay S. Feldstein
James K. Bouzoukis 433 Thoracentesis in the Emergency Department

(*Continued on next page*)

(*Continued from previous page*)

James A. Narrod **Ernest E. Moore** **Peter Rosen**	443	Emergency Cricothyrostomy—Technique and Anatomical Considerations
		Medical Classics
George Sternbach	447	Abraham Colles: Fracture of the Carpal Extremity of the Radius
	451	**Letters to the Editor**
		Education
Robert Shesser **Mark Smith** **Prudence Kline** **Tom Turbiak** **Robert Rosenthal** **Ron Walls** **Henry Chen**	455	A Student Emergency Medicine Clerkship That Utilizes New Information Technologies
	463	**Abstracts**
		Book Reviews
Edward J. Otten	471	*Action Guide for Emergency Service Personnel*
Jerris R. Hedges	472	*Mathematical Modeling: Applications in Emergency Health Services*
	473	**Calendar of Events**
	475	**Volume 2 Index**

VOL.
2
84/85

Author Index
Volume 2, 1984/85

Abman SH, 7
Alfry EJ, 1
Aprahamian C, 137
Araujo OE, 129
Armao JC, 85
Ater SB, 341

Baltarowich L, 215
Bar-Tur O, 111
Barach E, 101
Barkin RM, 163
Ben-Tuvia M, 111
Bettis DB, 341
Bisker J, 79
Bjelland JC, 243
Blahd WH Jr, 243
Borak J, 349
Bouzoukis JK, 433
Braen GR, 215
Britton JR, 95
Burton BT, 415

Calnan M, 57
Campbell WH, 275, 357
Cantrill SV, 293, 325, 379
Chen H, 455
Clinton JE, 155
Conrad L, 325
Cooper MA, 215
Cotton EK, 7
Coxon K, 421
Cwinn AA, 379

Dailey RH, 367, 373
Danzl DF, 79
de Boer J, 195
Dernocoeur K, 421
Dinerman NM, 221, 421
Drake T, 429
Dunn EL, 335

Eliastam M, 33
Ellencweig A-Y, 111

Fan LL, 7
Feldstein JS, 433
Flowers FP, 129
Fossel M, 33, 107
Franaszek J, 31

Gattrell CB, 301
Ginat T, 111
Granata AV, 349

Halickman JF, 349
Harrison TE, 23
Hedges JR, 85, 472
Huff JS, 73, 233, 318

Innes G, 361
Iserson KV, 243
Ishida T, 45, 183

Jacobs WA, 265

Kaib JJ, 85
Kaplan D, 257
Katsurada K, 45
Kiskaddon RT, 33
Kline P, 455
Kobernick ME, 205

Larson DG, 223
Leonard R, 279
Levy RC, 405
Littleton R, 101

Malangoni MA, 137
Markovchick VJ, 137, 287, 325, 409
Marlin R, 421
Martin G, 101
Mayron R, 251
Mestitz ST, 251
Mitchiner J, 325
Moore EE, 17, 287, 443
Moore J, 287
Mueller EJ, 271

Narrod JA, 17, 443
Nelson KT, 137
Newman J, 403
Nowak R, 101

O'Connor RE, 433
Oblinger P, 397
Ohta M, 45, 183
Olson CM, 37
Omlie WR, 251
Otten EJ, 74, 141, 317, 471

Pons PT, 221, 421

Rice M, 415
Robinson MD, 409
Rosen P, 1, 27, 29, 107, 215, 221, 287, 303, 305, 361, 421, 443
Rosenthal R, 455
Rowland TW, 13
Ruiz E, 155, 251
Rumack BH, 353
Ruthman J, 215

Sanders AB; 205
Savitt D, 405
Schmertzler LE, 415
Schneider TC, 137
Seger DL, 117, 271
Seifert S, 205
Shesser M, 455
Slater PE, 111
Smith M, 455
Spoerke DG, 353
Sternbach GL, 33, 199, 307, 447

VOL 2 1984/

Sugimoto T, 45, 183

Teague E, 79
Thompson BM, 137
Tomlanovich M, 101
Trujillo J, 79
Tucker JF, 79
Turbiak T, 455

van der Slikke W, 195
Vargo BP, 169

Walls R, 191, 455
Wason S, 175
Williams MR, 335
Willis RJ, 13
Winkler JV, 1

Zoll PM, 155
Zoll R, 155

VOL.
2
84/85

Keyword Index
Volume 2, 1984/85

abdomen, 287
abdominal pain, 361
abdominal/pelvic pain, 85
accidents, 57
acid ingestion, 175
acute poisoning, 175
AIDS, 117
airway, 443
airway obstruction, 7, 13
alarm procedure, 195
algae, 353
alkali ingestion, 175
amenorrhea, 85
antihistamine, 415
asphyxia, 95
asystole, 155
ATLS, 137
atrial fibrillation, 169

baby's elbow, 403
back pain, 257
beta-HCG level, 85
bilateral pneumothorax, 405
block, 429
blood administration, 373
blunt pelvic trauma, 101
brady-asystole, 155
bradycardia, 155
burns, 379

cardiopulmonary resuscitation, 33
catheter, 335
caustic ingestion, 175
CDC recommendations, 117
cervical spine fracture, 243
chest, 409
child sexual abuse, 205
choking, 7
cholecystitis, 265
circadian rhythms, 37
codeine, 107
Colles' fracture, 447
complications, 335
conjunctivitis, 129
corticosteroids, 129
cost-effectiveness, 325
counseling, 341
CPR training, 33
cramping, 107
cricothyroidotomy, 443
critical emergency transfer system, 45
cross table lateral view radiograph, 243

disaster, 195, 279
disaster management, 183
disaster planning, 279
dislocation, 243
doctors' strike, 111
drug abuse, 405
dysrhythmia, 169

ear infection, 163
ectopic pregnancy, 85
education, 137
educational cost, 455
EKG, 191, 357
electrical injury, 379
electrocardiogram, 429
electrocardiography, 275
emergencies, 57
emergency department observation unit, 325
emergency department utilization, 111
EMS in Japan, 45
emergency medical services, 183, 421
epiglottitis, 13
ergotism, 23
erythema multiforme, 129
esophageal stricture, 175
exploration, 287
external cardiac pacing, 155

fascicle block, 357
fascicular blocks, 275
fat embolism, 251
febrile seizures, 341
female, 101
femoral vein, 367
fluid resuscitation, 79, 373
foreign body, 7

gangrene, 23
gas explosion, 183
Glasgow Coma Scale, 1

head injuries, 1
health personnel, 117
heart, 275
heart arrest, 155
heart block, 275, 415
HTLV, 117
hyperkalemia, 155
hypovolemic shock, 361

industrial illness, 271
inhalation injury, 271
injuries, 17
injury severity, 325
intravenous (IV), 405
intravenous fluids, 79
intravenous lines, 367
intraventricular block, 191, 429
Israel, 111

labor relations, 111
laboratory tests, 341

VOL
2
1984/

left bundle branch block, 191
left posterior, 357
lightning, 379
lightning injury, 379
lumbar puncture, 199, 341

male rape victim, 205
management, 37
management of disasters, 279
mass evacuation, 279
MAST, 79
MAST garment, 349
meningitis, 199
metal fume fever, 271
multiple casualty incident, 183

naloxone, 107
narcotic side effects, 107
neck pain, 257
neurotoxins, 353
newborn, 95
nitroprusside, 23
noninvasive, 155

otitis media, 163
overdose, 415

pacemaker, artificial, 155
paramedic evaluation, 421
paramedic orientation, 421
patient behavior, 57
pelvic fracture, 251
penetrating neck wounds, 17
performance, 137
pericardiocentesis, 409
phenylpropanolamine, 415
placenta percreta, 361
plasmapheresis, 265
pleural effusion, 433
pneumatic antishock trousers, 79
pneumothorax, 405, 433
poisoning, 353
practice of emergency medicine, 37
pregnancy, 85, 361
prehospital, 1
prehospital care, 349, 421
procedure, 433
pulled, 403

quality assurance, 421

radius fracture, 447
rape, 205
resuscitation, 95, 155
right bundle branch block, 429

saphenous cutdown, 79
sexual assault, 205
shock, anaphylactic, 349
specialization, 137
spinal tap, 199
spine x-ray studies, 257
splenectomy, 265
stab wounds, 287, 409
Stevens-Johnson syndrome, 129
student education, 455
subclavian, 335
subluxation, 243
subluxed radial head, 403
sympathomimetic, 415

tension pneumopericardium, 409
thoracentesis, 433
thrombotic thrombocytopenic purpura, 265
tissue, 251
tracheostomy, 443
training, 137
trauma, 1, 325, 373
trauma CRP, 335
treatment, 341

ureteral calculus, 169
ureterolithiasis, 169
urethral injury, 101
use of hospital services, 57
uterine rupture, 361

vaginal bleeding, 85
vascular insufficiency, 23
vasospasm, 23

work, 37
wrist injury, 447

zinc toxicity, 271

VOL. 2 84/85